

## HAZARDOUS TREE FELLING AND ROCK REMOVAL

### 1. SCOPE

After a fire, many trees are weakened from burning around the base of the trunk. Shallow-rooted trees can also fall unexpectedly. Trees, brush and other vegetation have been destroyed, and the roots of these plants have also been killed. The plants and roots no longer contribute to holding soils and rocks in place on the slopes. The dead trees can blow over, or fall without warning. During rainfall runoff events, new soil erosion will take place, and rocks previously held by the soils and plants may break free and roll down slope causing damage to vehicles, homes and other structures. This specification addresses the removal of such hazardous trees and rocks.

### 2. SAFETY

Of first importance in any kind of hazardous type of action one must not become the victim. The dead trees needing removal may fall at any time. Nearby trees may also be triggered to fall by removal activity. Similarly, removal of the rock deemed to be hazardous, may well trigger other rocks to move. Workers and equipment should not be downhill of trees and rocks being removed.

### 3. MARKING

Trees and rocks to be removed will be marked with stakes, flags or by paint markings or as located on the drawings. Felled trees can be left on the slope if secured by rocks, the stump or some other anchorage as needed to prevent it

from moving downhill toward the area (road, path, building, etc.) that is being protected. Rocks that pose a hazard by rolling down the slope should be removed to a safe location on a more level area, buried, or broken down to non-hazardous size.

### 4. SPECIAL PROVISIONS

Any special provision that defines site-specific details will be attached to this construction specification.

### 5. MEASUREMENT AND PAYMENT

For items for which a specific unit price is established, each designated tree or rock removed will be paid for at the unit price. Such payment will constitute full compensation for all labor, equipment, tools and all other items necessary and incidental to completion of the work.